

$$20000 X_{0000} 2a\vec{e}^x - \ln x + \ln a.0 00000 X > 0 0000000 a00000$$

300000
$$f(x) = e^{x}$$
0100000 $g(x) = f(ax) - x - a_{00000}$
020000 $f(x) + \ln x + \frac{3}{x} > \frac{4}{\sqrt{x}}$

$$f(x) = \ln x + \frac{a}{x} + x$$
700000
$$f(x) = 0$$

$$0100 a = 10000 f(x) = 0$$

$$0100 a = 10000 f(x) = 0$$

$$0100 a = 10000 f(x) = 0$$

$$0100 a = 100000 f(x) = 0$$

$$0100 a = 1000000 f(x) = 0$$

$$0100 a = 100000 f(x) = 0$$

$$0100 a = 0$$

900000
$$f(x) = \frac{a}{2}x^2 - \ln x + x + 1$$
 $g(x) = ae^x + \frac{a}{x} + ax - 2a - 1$ $g(x) = ae^x + \frac{a}{x} + ax - 2a - 1$ $g(x) = ae^x + \frac{a}{x} + ax - 2a - 1$ $g(x) = ae^x + \frac{a}{x} + ax - 2a - 1$ $g(x) = ae^x + \frac{a}{x} + ax - 2a - 1$

02000000
$$X \in (0,+\infty)$$
 0 $\mathcal{G}(X)$.. $f(X)$ 00000000 \mathcal{A} 0000000

$$\begin{aligned} &11_{00000} & f(x) = e^{x} + xhx - x^{2} + (1 - a)x_{0} \\ &01_{000} & y = f(x)_{00} & (1_{0} & f_{010})_{0000000} & 000^{a}_{0000} \\ &02_{00} & f(x)_{00000} & a_{0000000} \end{aligned}$$